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动物分类学报

A NEW SPECIES OF THE GENUS *EUHYPONOMEUTA* TOLL (LEPIDOPTERA, YPONOMEUTIDAE) FROM CHINA

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Abstract *Euhyponomeuta zhengi* sp. nov. is described with photos of adult and male genitalia provided. The type specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin.
Key words Lepidoptera, Yponomeutidae, *Euhyponomeuta*, new species, China.

Euhyponomeuta is a small genus with three described species in Yponomeutidae. It was erected by Toll in 1941, with an European species *E. stannella* (Thunberg, 1794) as its type species. Moriuti (1977) described the generic characters in detail and added a second species *E. secundus* Moriuti from Japan. Jin and Wang (2009) described a third species *E. rotunda* Jin *et* Wang from China, with minor amendment to the generic characters.

In the paper, we describe one new species, *E. zhengi* sp. nov., based on the specimens collected from Mt. Baxian, Tianjin.

***Euhyponomeuta zhengi* sp. nov.** (Figs 1 – 2)

Adult (Fig. 1). Wing expanse 16.0 – 17.5 mm. Head rough, white; face smooth, silvery gray. Antenna pale grayish brown. Labial palpus light grayish brown, dark gray ventrally. Thorax light grayish brown; tegula dark brown. Legs grayish brown except hindleg pale brown. Forewing light brown, scattered with about 30 small brownish black dots, viz. eight to ten along below costa ill-defined, nine above distal 3/4 and six below distal 2/3 of fold, five between end of cell and termen; larger brown spot placed below middle of fold; cilia pale brown except dark brown at apex. Hindwing and cilia pale brown.

Male genitalia (Fig. 2). Uncus nearly rectangular, wider than long, rounded posterolaterally. Socius broad, parallel-sided, rounded apically. Ventral plate of gnathos broad tongue shaped, sparsely granulous. Valva straight dorsally, arched ventrally; sacculus nearly rounded. Saccus slender, about 2.5 times length of socius, parallel-sided

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Figs 1 – 2. *Euhyponomeuta zhengi* sp. nov. 1. Adult, male, paratype. 2. Male genitalia, holotype, slide No. JQ10082.

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to round apex. Phallus straight, about 1.4 times length of saccus, with numerous microspines.

Female. Unknown.

Holotype ♂, Mt. Baxian (39° 02′ N, 117°12′E); alt. 270 m, Tianjin, 21 May 2009, coll. HU Bing-Bing, genitalia slide No. JQ10082. Paratypes 5 ♂♂, coll. HU Bing-Bing, LIANG Zhi-Pin and ZHANG Jing, 6 – 21 May 2009, same locality as holotype.

Diagnosis. The new species is similar to *E. rotunda* Jin *et* Wang in male genitalia, but different from it in having a broad and parallel-sided socius and a broad tongue-shaped ventral plate of gnathos; the male socius is tapering and the ventral plate of gnathos is triangular or semicircular in the latter species (Jin *et* Wang, 2009).

Etymology. This species is named in honor of Prof. ZHENG Zhe-Min for his outstanding contribution to the systematic entomology.

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常巢蛾属一新种记述（鳞翅目，巢蛾科）*

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摘　要　记述了中国常巢蛾属 *Euhyponomeuta* Toll, 1941 1 新种，即郑氏常巢蛾 *Euhyponomeuta zhengi* sp. nov.，提供了新种的成虫及雄性外生殖器特征图。新种雄性外生殖器与圆腹常巢蛾 *E. rotunda* Jin *et* Wang, 2009 相似，可通过尾突较宽且两侧平行、颚形突腹板宽舌状与其区分，后者尾突基部宽，端部渐窄，颚形突腹板三角形或半圆形。

模式标本保存在南开大学生命科学学院昆虫标本室。

关键词　鳞翅目，巢蛾科，常巢蛾属，新种，中国.

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